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FACSIMILE COVER SHEET

Deliver to: Patel, K. M., USPTO
Art Group: 2188
Facsimile No.: (571) 273-8300
Date: January 5, 2007
From: Joseph Lutz, Reg. No. 43,765
Our Docket No.: 42P17030
Number of pages 17 including this sheet.
Application No.: 10/611,619
Filing Date: 6/30/2003
Docket Due Date(s): 1/8/2007

Enclosed are the following documents:

- ☒ Amendment: After Final (13 pgs)
- ☐ Appeal Brief (___pgs)
- ☐ Application: ___ (___pgs) w/cover & abstract)
- ☐ Assignment & Cover Sheet (___pgs)
- ☒ Certificate of Facsimile
- ☐ Continued Prosecution Application (CPA)
- ☐ Declaration & POA (___pgs)
- ☐ Drawings: ___sheets, ___ figures
- ☐ Extension of Time: ___
- ☒ Fee Transmittal (In duplicate)
- ☐ IDS & PTO/SB/08 (pgs)
- ☐ Other ___
- ☐ Issue Fee Transmittal
- ☐ Notice of Appeal
- ☐ Petition for: ___
- ☐ Request for Continued Examination (RCE)
- ☐ Reply Brief (___pgs)
- ☐ Request & Certification Under 35 USC 122(b)(2)(B)(i)
- ☐ Request to Rescind Previous Nonpublication Request
- ☐ Response to Notice of Missing Parts & Formalities Letter
- ☐ Response to Written Opinion (___pgs)
- ☐ Terminal Disclaimer
- ☐ Transmittal of Publication Fee Due
- ☒ Transmittal Letter

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8A)

I hereby certify that this correspondence is being transmitted by facsimile on the date shown below to the United States Patent and Trademark Office.

Annie McNally — *Date* 1/5/2007

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application No.	10/611,619
Filing Date	June 30, 2003
First Named Inventor	Zhong-Ning Cai
Art Unit	2188
Examiner Name	Patel, K. M.
Total Number of Pages in This Submission	16
Attorney Docket Number	42P17030

ENCLOSURES *(check all that apply)*

- [X] Fee Transmittal Form
  - [X] Fee Attached
- [X] Amendment / Reply
  - [X] After Final
  - [ ] Affidavits/declaration(s)
- [ ] Extension of Time Request
- [ ] Express Abandonment Request
- [ ] Information Disclosure Statement
  - [ ] PTO/SB/08
- [ ] Certified Copy of Priority Document(s)
- [ ] Response to Missing Parts/ Incomplete Application
  - [ ] Basic Filing Fee
  - [ ] Declaration/POA
- [ ] Response to Missing Parts under 37 CFR 1.52 or 1.53
- [ ] Drawing(s)
- [ ] Licensing-related Papers
- [ ] Petition
- [ ] Petition to Convert a Provisional Application
- [ ] Power of Attorney, Revocation Change of Correspondence Address
- [ ] Terminal Disclaimer
- [ ] Request for Refund
- [ ] CD, Number of CD(s)
  - [ ] Landscape Table on CD
- [ ] After Allowance Communication to TC
- [ ] Appeal Communication to Board of Appeals and Interferences
- [ ] Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
- [ ] Proprietary Information
- [ ] Status Letter
- [ ] Other Enclosure(s) *(please identify below):*

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Joseph Lutz, Reg. No. 43,765 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	January 5, 2007

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Typed or printed name	Annie McNally		
Signature		Date	January 5, 2007

Based on PTO/SB/21 (09-04) as modified by Blakely, Sokoloff, Taylor & Zafman (rac) 10/12/2006
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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FEE TRANSMITTAL for FY 2006

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT ($) 120.00

Complete if Known	
Application Number	10/611,619
Filing Date	June 30, 2003
First Named Inventor	Zhong-Ning Cai
Examiner Name	Patel, K. M.
Art Unit	2188
Attorney Docket No.	42P17030

METHOD OF PAYMENT *(check all that apply)*

☐ Check ☐ Credit card ☐ Money Order ☒ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. ☒ Credit any overpayments

FEE CALCULATION

1. EXTRA CLAIM FEES

	Total Claims		Extra Claims		Fee from below		Fee Paid
Total Claims	25	- 30* =	0	x	50.00	=	$0.00
Independent Claims	5	- 6* =	0	x	200.00	=	$0.00
Multiple Dependent						=	

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description
1202	50	2202	25	Claims in excess of 20
1201	200	2201	100	Independent claims in excess of 3
1203	360	2203	180	Multiple Dependent claim, if not paid
1204	790	2204	395	**Reissue independent claims over original patent
1205	300	2205	150	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (1) ($) 0.00

***or number previously paid, if greater; For Reissues, see below*

2. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	2053	130	Non-English specification	120.00
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1,000	2403	500	Request for oral hearing	
1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1460	130	2460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
1809	790	1809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
Other fee (specify)					

SUBTOTAL (2) ($) 120.00

SUBMITTED BY					Complete (if applicable)
Name (Print/Type)	Joseph Lutz	Registration No. (Attorney/Agent)	43,765	Telephone	(310) 207-3800
Signature				Date	01/05/07

Based on PTO/SB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (wtr) 12/15/2004.
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REPLY UNDER 37 CFR 1.116
EXPEDITED PROCEDURE
TECHNOLOGY CENTER 2800

Attorney's Docket No.: 42P17030

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application for:

Zhong-Ning Cai, et al.

Application No.: 10/611,619

Filed: June 30, 2003

For: **APPARATUS AND METHOD FOR AN ADAPTIVE MULTIPLE LINE PREFETCHER**

Examiner: Patel, Kaushikkumar M.

Art Group: 2188

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION

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Commissioner for Patents
P. O. 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Final Office Action mailed October 18, 2006, Applicants respectfully request reconsideration of the above-identified application in view of the following amendments and remarks.

01/08/2007 TL0111 00000053 022666 10611619
01 FC:1251 120.00 DA